

4-10-12

PROBABILITY

- The chances of something happening
- Can be described in 3 ways:

① As a percentage

② As a fraction

③ Words like "not likely"

"likely"

"impossible"

"50-50"

"certain"

** As a fraction

$$\frac{\text{the \# of what you're looking}}{\text{the total in the sample space}}$$

Ex: $P(\text{picking a girl's name}) = \frac{10}{23} \approx 43\%$

"possible"